

# PDR RID Report

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**Document** Incremental Track Status

**RID ID** PDR 378

**Review** SDPS

**Originator Ref**

**Priority** 1

**Section**

**Page**

**Figure Table**

**Category Name** Interfaces

**Actionee** HAIS

**Sub Category** DAAC Interaction

**Subject** APIs for DAAC-unique extensions

## **Description of Problem or Suggestion:**

- 1) APIs for DAAC-unique extensions should be made available for those DAACs who wish to migrate data set-unique functions that are currently available to the users, or implement new data set-unique functions in the near future as extensions to the ECS.
- 2) There's no process or mechanism in place that will allow the DAACs to integrate their functions with ECS functions. Also it's unclear at what point in the process this I&T will take place.

## **Originator's Recommendation**

**GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** Suhrstedt

**HAIS Schedule**

**HAIS R. E.** Fox

**HAIS Response Date** 6/5/95

1) Concur. The SDPS Requirements Specification (DID 304, 3/22/95 version), Section 4.4.1.1 contains the Level 4 requirements relevant to Data Server API's. Specifically, requirement S-DSS-00264 addresses the requirement for an API that enables DAAC operations staff to link special subsetting methods into a science data server and requirement S-DSS-00268 addresses the capability to insert user defined search methods into a science data server. Both of these requirements are allocated to Release B.

2) Following the developers I&T phase, post RRR, the DAAC with the help of M&O personnel will have available to them the APIs that were tested and delivered to the DAACs. In this time period, post RRR, the DAACs will integrate their functions with ECS functions. It will be the DAACs responsibility with the help of M&O to perform I&T on these integrated functions.

Preliminary documentation describing an API is available at the Release's CDR. APIs, depending on their nature, may be prototyped before a Release's CDR in order to provide confidence that the proposed design is adequate and complete. Final feedback on the design and scope of an API should be provided by the DAACs at CDR. It is not planned at this time to field prototype APIs at the DAACs. Final documentation on all delivered software (including APIs) is due at RRR. This documentation is limited to the delivered design materials and is not scoped as a separate deliverable, as per agreement with ESDIS.

**Status** Closed

**Date Closed** 6/8/95

**Sponsor** Marinelli

\*\*\*\*\* Attachment if any \*\*\*\*\*